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## METHOD OF POLYMERIZATION ABSTRACT

This invention relates to a composition of matter represented by the formula below, and to a polymerization process comprising combining an olefin in the gas or slurry phase with an activator, a support and a compound represented by the following formula:

$$R^{3} - L \xrightarrow{R^{1} - Y} R^{6}$$

$$R^{2} - Z \xrightarrow{R^{7}} R^{7}$$

wherein

M is a group 3 to 14 metal,

each X is independently an anionic leaving group,

n is the oxidation state of M,

m is the formal charge of the YZL ligand,

Y is a group 15 element,

Z is a group 15 element,

L is a group 15 or 16 element,

 $R^1$  and  $R^2$  are independently a  $C_1$  to  $C_{20}$  hydrocarbon group, a heteroatom containing group, silicon, germanium, tin, lead, phosphorus, a halogen,

R<sup>1</sup> and R<sup>2</sup> may also be interconnected to each other,

R<sup>3</sup> is absent, or is hydrogen, a group 14 atom containing group, a halogen, a heteroatom containing group,

R<sup>4</sup> and R<sup>5</sup> are independently an aryl group, a substituted aryl group, a cyclic alkyl group, a substituted cyclic alkyl group, or multiple ring system,

R<sup>6</sup> and R<sup>7</sup> are independently absent or hydrogen, halogen, a heteroatom or a hydrocarbyl group, or a heteroatom containing group.